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Mario Aguilar - Teledyne Scientific and Imaging- mdaguilar@teledyne.com, (919)323-3485

Capability Statement:
TS&I develops technology for measuring and inferring cognitive states and dynamics. We work closely with partners to assess model robustness and efficacy in operationally relevant scenarios. We have significant expertise in technology transitions.

Jan Allbeck - Computer Science at George Mason University- jallbeck@gmu.edu, (703)993-1794

Capability Statement:
My capabilities include game design and development. My research is also at the crossroads of animation, artificial intelligence, and psychology in the simulation of 3D virtual humans.
http://cs.gmu.edu/~gaia/

Craig Allen - Spark Unlimited- CAllen@sparkunlimited.com, (818)788-1005 x117

Capability Statement:
Spark, an independent video game developer, creates First Person Shooter (FPS) titles such as CALL OF DUTY: FINEST HOUR (the first COD game for console systems) and LEGENDARY. Human combat AI experience, digital backlot and military simulation exp.

Kelcy Allwein - DIA- kelcy.allwein@ugov.gov, (202)231-5958

Rafael Alonso - SET Corp./SAIC- ralonso@setcorp.com, (609)647-6600

Capability Statement:
My research interests include modeling analyst behavior on information systems to tune and personalize system behavior in order to improve analyst training.

Avron Barr - The LETSI Foundation- avron@aldo.com, +1.831.419.5829

Capability Statement:
LETSI is an international federation of technologists and educators committed to accelerating the rate of innovation in learning technology. Our data protocols will enable the secure exchange of information among LMSs, websites, and mobile apps.

Aaron Baughman - IBM- baaron@us.ibm.com, (703)585-2747

Capability Statement:
Immersive environments, social decision making, and the interactions between humans and systems produce data for the development of predictive and prescriptive models. At intersection is analytics, social psychology, and immersive technologies.

Andrew Beall - Univ. Calif. Santa Barbara- beall@psych.ucsb.edu, (805)893-5798

Warren Beard - Planet Earf- warren.beard@gmail.com, (248)425-7943

Capability Statement:
I am a computer scientist whose specialization has been Artificial General Intelligence [AGI], that is to say the field of preparing a machine to simulate human thought. I agree with the BAA's statement that there exists a relatively 'simple' heuristic t

Cliff Behrens - Telcordia Technologies, Inc.- cliff@research.telcordia.com, (732)699-2619

Capability Statement:
Computer & telecommunications network R&D, collaboration infrastructures, computer & statistical modeling of human cognition & social-cultural systems, knowledge elicitation & ethnographic methods, models of expert opinion & group decision-making.

Gnana Bharathy - University of Pennsylvania- bharathy@seas.upenn.edu, (610)812-9309

Capability Statement:
Develops social systems models, using primarily cognitively detailed agents, to study conflicts and to train decision makers. Modeling methodology, among other things, has provision for minimizing cognitive biases and human errors.

Heather Biehl - BBN Techonologies- hbiehl@bbn.com, (617)873-3658

Jim Blascovich - Research Center for Virtual Environments and Behavior; UCSB- blascovi@psych.ucsb.edu, (805)570-4136

Dawn Blasko - Penn State Erie, The Behrend College- dgb6@psu.edu, (814)898-6500

Capability Statement:
Dr. Blasko, Ph.D.,Experimental Psychology,
A cognitive psychologist, she teaches and researches higher-level cognition including spatial thinking, and cognitive bias. She helped to develop the VIZ project, an online assessment and training program.

Keith Boesky - Boesky & Company- keith@boesky.com, (310)593-4999

Dr. Cheryl Bolstad - SA Technologies, Inc.- cheryl@satechnologies.com, (770)790-5460

Steve Bongardt - FBI- steven.bongardt@ic.fbi.gov, (703)632-3547

Clint Bowers - U of Central FL- bowers@mail.ucf.edu, (407)462-6618

Capability Statement:
I represent a university laboratory that studies the cognitive effects of game-based learning. We have extensive expertise in learning science, decision making, and the study of game features. We have developed games for DoD, NSF, and Industry.

Jeffrey M. Bradshaw, Ph.D. - Florida Institute for Human and Machine Cognition (IHMC)- jbradshaw@ihmc.us, +1 850 232-4345

Capability Statement:
For over two decades, researchers at IHMC have pioneered the detection and mitigation of cognitive and motivational biases, software agents, and socio-cultural modeling. We recently co-edited a volume on agents for games and simulations.

Amy Bridger - Center for eBusiness and Advanced IT- amy.bridger@ebizitpa.org, (814)898-6756

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Erica Briscoe, Ph.D. - Georgia Tech Research Institute- erica.briscoe@gtri.gatech.edu, (404)407-7411

Capability Statement:
Cognitive/Social Science-Cognitive research scientist at Georgia Tech Research Institute. Specific expertise in computational models of bias in concept-learning, also with human subject experiment design, serious games, and resulting data analysis.

S. Brueckner - Jacobs Technology Inc.- sven.brueckner@Jacobs.com, (734)302-4683

Dennis Buede - Innovative Decisions, Inc.- dbuede@innovativedecisions.com, (703)861-3678

Capability Statement:
Innovative Decisions, Inc. has developed training and tools to address biases and heuristics as well as intelligent aides for Avatars to guide and critique their actions as well as adjust the training program on the basis of their performance.

Rita Bush - IARPA- rita.m.bush@ugov.gov, (301)851-7431

Capability Statement:
IARPA Sirius Program Manager

Stephen Cannon - Shared Spectrum Company- scannon@sharedspectrum.com, (703)761-2817

Marco Carvalho - IHMC- mcarvalho@ihmc.us, (850)202-4446

Capability Statement:
Social Dynamics, modeling, and Structure Discovery in Social Interactions.

Ralph Chatham - Technology for Training- ralph.chatham@verizon.net, (703)698-5456

Capability Statement:
Consultant Ralph Chatham, physicist & explorer of exotic technical trade spaces, has championed the proposition that people are as important as hardware for 16 years - as Chairman of Defense Science Board task forces on Training Superiority & Training Sur

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Thomas Chesney - University of Nottingham- Thomas.Chesney@nottingham.ac.uk, +44 115 846 7759

Eric Church - BreakAway, Ltd.- echurch@breakawayltd.com, (410)683-1702

Capability Statement:
BreakAway is a game developer with expertise in game design, production and technology. We are looking to leverage our capabilities by partnering with organizations with expertise in research and experimental validation and in intelligence analysis.

Marianne Clark - Scientific Research Corporation- mclark@scires.com, (843)740-3348

Capability Statement:
SRC has been providing systems integration, systems engineering, research, design and implementation innovation for 20 years to support the intelligence and SOF communities. My experience is in cognitive psychology, metacognition and cognitive bias.

Patrick Connolly - Teledyne Scientific & Imaging, LLC- pconnolly@teledyne-si.com, (919)323-4778

Capability Statement:
Teledyne Scientific and Imaging consists of a world-class team with expertise in Neuroscience, Human-Computer Interaction, Intelligent Systems, and Machine Learning Algorithms.

Jeff Cooper - SAIC- jeffrey.cooper@saic.com, (703)905-6251

Capability Statement:
Have conducted previous work for DARPA and other government sponsors on overcoming cognitive biases in analysis and decision-making. Author of "Curing Analytic Pathologies" published by CIA/CSI.

Ann Cudworth - Alchemy Sims- anncdesigns@verizon.net, (917)664-5156

Capability Statement:
Alchemy Sims designs and builds virtual environments that are interactive, immersive and visually realistic. Ann Cudworth, the founder, is a 2 time Emmy award winning designer, and teaching professional. Clients include: CBS News, 60 Minutes, IBM

Ovidiu Daescu - University of Texas at Dallas- daescu@utdallas.edu, (972)883-4196

Capability Statement:
Intelligent game design, multimedia and animation, virtual reality, GPU algorithms, bio-medical computing, and geometric computing. The group has three faculty members, seven PhD students, and a few master and undergraduate students.

Robert Daniel - BlueGrid Technologies Corporation- daniel@bluegrid.com, (703)346-5729

Capability Statement:
BlueGrid delivers virtualization technologies from storage, networks, data, applications, operating systems, data centers, security, identity management, gaming, corporations, governments, and virtual worlds.

Son Dao - HRL Laboratories, LLC- skdao@hrl.com, (310)317-5682

Capability Statement:
Research and development in virtual world, augmented reality and 4-D modeling (spatial and temporal).

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Brandt Dargue - Boeing Company- Brandt.W.Dargue@Boeing.com, (314)232-3165

Capability Statement:
Mr. Dargue is an Assoc Tech Fellow for Boeing Research & Technology, focusing on training tech including simulations, automated performance assessment, adaptive scenarios, intelligent tutoring, virtual environments, and gaming concepts/technologies.

Regine De Guzman - Pherson Associates, LLC- rdeguzman@pherson.org, (571)485-4431

Ed Dieterle - SRI International- edward.dieterle@sri.com, (703)247-8536

Capability Statement:
SRI International is a world-class multidisciplinary research institute. We study virtual environments and serious games using our expertise in education research, economics, linguistics, cognitive engineering, AI, and social & behavioral sciences.

Dwight Dietrich - DYNAMiX Technologies- ddietrich@dynamixtechnologies.com, (724)940-4304

Capability Statement:
Provides complex structured data analysis solutions; previous participant in several IARPA contracts and maintains CMU partnership including an operational commercial virtual environment used for communications, training, and simulation.

Sal D'Itri - Shared Spectrum Company- sditri@sharedspectrum.com, (703)462-6947

Capability Statement:
Over 10+ years experience in developing and fielding cognitive and policy-based reasoning software for military devices, networks and spectrum. Software and System engineers. Cognitive framework extended to many domains. Cognitive radios.

Amit Doron - (self employed)- budhamit@gmail.com, (240)558-3570

Capability Statement:
20 years as Lead Animator in the Game & Simulation industry - including Serious Games for emergency readiness, Real Time Medical Training Simulator (as R&D Director), Motion Capture, Virtual Reality. An "out of -what box" thinker. www.amitdoron.com

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Norah Dunbar - University of Oklahoma- ndunbar@ou.edu, (405)325-1588

Capability Statement:
The University of Oklahoma's Center for Applied Social Research and K20 Center together take an interdisciplinary approach to research where students work in groups to solve a series of complex, ill-structured problems using an online game.

Joe Elder - Adaptive Methods- jelder@adaptivemethods.com, (703)968-4718

Capability Statement:
Adaptive Methods' primary areas of expertise are advanced sonar array and signal processing system design and implementation, design and implementation of training stimulation environments, game-based simulations, and real-time software development.

Joseph Engler - Rockwell Collins, Inc- jjengler@rockwellcollins.com, (319)295-6483

Capability Statement:
Adaptive Systems at Rockwell Collins has conducted extensive research into nonlinear social dynamics. We specialize in nonlinear interactions and the extraction of knowledge concerning these interactions.

Jamie Estock - Aptima, Inc.- jestock@aptima.com, (202)552-6119

Jim Farmer - The LETSI Foundation- jxf@immagic.com, (202)296-7498

Capability Statement:
LETSI participates in open source projects and specifications for Virtual Learning Environments, communications with learning delivery systems, and learning management systems. This includes research on learning.

Cali M Fidopiastis - University of Alabama at Birmingham- cfidopia@uab.edu, (407)963-9413

Capability Statement:
Understanding brain plasticity and information processing in real world settings using virtual reality technology, psychophysiological sensors, and novel neurosensing devices such as near infrared spectroscopy.

David Fliesen - Sonalysts- dfliesen@sonalysts.com, (757)663-5050

Capability Statement:
An employee-owned small business with 37 years of proven experience, Sonalysts has capabilities which include animation, training, gaming, weather laboratory, sound stages, video editing suites, recording studios, and sensor production facilities.

Jen Foley - Booz Allen Hamilton- jennifer.foley@associates.dhs.gov, (202)254-6154

Lance Forbes - SMSi- lforbes@sms-fed.com, (216)367-2375

Kevin Fox - Harris Corporation- kfox@harris.com, (321)984-6621

Capability Statement:
Harris Corporation conducts research and technology assessments in Virtual Worlds, particularly in the area of VW communications. Harris also conduct research in information and knowledge management, cyber security, and develops 3D site models.

Barbara Frantom - AFRL/RYWB- Barbara.Frantom@WPAFB.AF.MIL, (937)255-4947 x3343

Jeff Friedman - Pherson Associates, LLC- jfriedman@pherson.org, (703)390-9987

Capability Statement:
Pherson Associates' provides analytic activities: building models; arraying critical data; developing analytic tools and techniques; writing skills; publications; and maximizing analytic power. The principals have extensive experience in the IC.

Ryan Frost - Northrop Grumman Technical Services- ryan.frost@ngc.com, (757)638-4118

Dan Fu - Stottler Henke Associates, Inc.- fu@stottlerhenke.com, (650)931-2706

Capability Statement:
Stottler Henke Associates, Inc. applies artificial intelligence and other advanced software technologies to deliver software solutions for education and training, planning and scheduling, decision support, and computer security and reliability.

John Fuller - Columbus State University- fuller_john2@colstate.edu, (706)577-7886

Capability Statement:
My colleague, Dr. Shamim Khan, and I are part of a team of six faculty and staff members at Columbus State University working on a project for the US Army's RDECOM to develop a cognitive map-based tactical decision support system.

Scott Ganz - IST Research- scott.ganz@ist-research.com, 7035776102

Capability Statement:
IST Research provide cutting-edge services and solutions for Joint, Inter-agency, Intergovernmental and Multinational (JIIM) communities with quick response capability that is required in today's dynamic and ever-changing threat environment.

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Igor Gardner - SRA International- Igor_Gardner@sra.com, (202)595-4259

Capability Statement:
SRA is a leading provider of technology and strategic consulting services and solutions to government organizations. Our expertise includes intelligence, emerging learning technologies, applied psychological research, and defense issues.

Abigail Gertner - The MITRE Corporation- gertner@mitre.org, (781)271-3130

Capability Statement:
MITRE support to Sirius IV&V.

Kim Gill - Pyxis, LLC- kim.gill@gmail.com, (352)455-7987

Capability Statement:
Pyxis, LLC is an emerging technologies consulting firm with over 10 years experience architecting and managing creative geospatial & 3D immersive solutions to help solve the Intelligence Community's toughest challenges.

Brad Gleason - Mercyhurst College Institute for Intelligence Studies-
bgleason@mercyhurst.edu, (814)824-2423

Ben Goertzel - Novamente LLC- ben@goertzel.org, (240)505-6518

Capability Statement:
Novamente LLC is a small software and scientific consulting and R&D firm, based in Rockville Maryland, focused on advanced artificial intelligence technology.

Randy Good - ENSCO- good.randall@ensco.com, (703)321-4482

Capability Statement:
ENSCO develops technology for data fusion, analysis, and visualization. These computational tools, coupled with our subject matter expertise and sensor development allows us to provide complete solutions to our customers.

Wayne Gray - Rensselaer Polytechnic Institute- grayw@rpi.edu, 518-867-9690

Capability Statement:
Rensselaer's Game program focuses on development and research. Our team will include experts in the cognitive social science of biases, narrative design, tutoring, and complex simulations. It will be interdisciplinary and inter-university.

Anders Gronstedt - The Gronstedt Group, Inc.- anders@gronstedtgroup.com,

Capability Statement:
Gronstedt Group's customized learning programs employ next-generation digital simulations, mobile learning, gaming and 3-D virtual worlds; teaching the Intelligence Community mitigation of cognitive bias in a context that's immersive and energizing. Watch

Lyn Gubser - Windwalker Corporation- lgubser@windwalker.com, (703)970-3547

Capability Statement:
We specialize in the application of emerging adult learning research and gaming theory to the design of interactive multimedia instructional programs and products, serious gaming, and learning simulations. Clients include DoD, HUD, DHS, DOT, EPA, ED.

Sam Hamilton - Distributed Infinity- shamilton@distributedinfinity.com, (619)825-8709

Capability Statement:
We are a small research and development firm with experience in both game development and government contracting work. We have a strong background in modeling and simulation, with a concentration on intelligent adversary simulation.

James Harris - CENTRA Technology, Inc.- harrisj@centratechnology.com, (703)276-7702

Capability Statement:
CENTRA is a high-technology small business providing analytic, technical, engineering, and management support to the government.

Lewis Hart - Adaptive Methods, Inc.- lhart@adaptivemethods.com, (703)968-8040

Capability Statement:
Adaptive Methods is a small business specializing in development and transition of technology into operational programs, primarily in undersea acoustics, digital signal processing, advanced tracking, data fusion and real-time software development.

Fred Hassani - Tesla Government Inc.- fred@teslagovernment.com, (301)219-2901

Capability Statement:
Tesla Government designs, develops, and implements information sharing and collaboration solutions that leverage the efficiencies of social software approaches while retaining the controls required for serious work.

Chris Hazard - Hazardous Software Inc.- cjhazard@hazardoussoftware.com, (919)607-6509

Capability Statement:
Hazardous Software's Resequence Game Engine allows free-form multiplayer time manipulation. This capability teaches players' how to learn what decisions are most critical, handle loss of information asymmetry, and best respond to adversarial agents.

Jerry Heneghan - Applied Research Associates / Virtual Heroes- Jerry@virtualheroes.com, 9197477606

Michael Hruska - Problem Solutions- mike@problemsolutions.net, (240)604-2052

Capability Statement:
Problem Solutions is a professional services firm that provides software engineering and SETA support services for learning standards, architecture, systems, and tools for Department of Defense (DoD), government, and pan-government initiatives.

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Robert Hubal - RTI International- rhubal@rti.org, (919)541-6045

Capability Statement:
Dr. Hubal's research focuses on intelligent use of technology for training, intervention, and assessment. Long involved in serious simulations for interaction skills, he has developed applications for survey and Intelligence decision making biases.

Rob Hyland - BAE Systems- robert.hyland@baesystems.com, (781)526-3386

Dov Jacobson - GamesThatWork- dov@bigfun.net, (404)806-5428

Capability Statement:
Our games develop human potential. Players experience, hands-on, the insights of experts. (Such as you?) Many genres. Powerful, standards-compliant 3D. Official XBOX360 & Kinect. iPhone. Advanced motion capture. Actionscript global leader. DCAA OK

Vernon Joyner - QinetiQ North America- vernon.joyner@qinetiq-na.com, (703)310-9752

Paul Kantor - Rutgers- kantor@scils.rutgers.edu, (732)932-7500 x8220

Capability Statement:
Expert: design of experiment and studies involving human behavior; evaluation of information systems; decision tools and algorithms for the effective combination of information from diverse sources; text classification and analysis.

Karl Kapp - Bloomsburg University- kkapp@bloomu.edu, (570)389-4849

Capability Statement:
Assessing the effectiveness and efficacy of serious games for instructional purposes. We often team with organizations for both the design and evaluation of serious game efforts.

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Peter Kojesta - Exis Interactive- external@ExisInteractive.com, (410)769-6454

Capability Statement:
Exis is a developer of high quality Games/Simulations for retail/government markets. Our products are include games on the Xbox 360, PS3, PC, and in government applications. We offer 3d art and programming services for mid to large scale projects.

Amy Kruse - Total Immersion Software, Inc- akruse@totimm.com, (703)203-8233

Sri Kumar - SRI International- srikanta.kumar@sri.com, (703)338-1530

Cori Lathan - AnthroTronix- clathan@atinc.com, (240)498-9471

Capability Statement:
AnthroTronix develops advanced interface technology for wearable computers and robotic systems. We also provide a range of Research & Development services such as user interface design and testing, rapid prototyping, and product development.

Rik Legault - DHS- richard.legault@dhs.gov, (202)254-6829

Alice Leung - Raytheon BBN Technologies- aleung@bbn.com, (617)873-5617

Capability Statement:
Our group has experience developing game-based experiences for use in training for a variety of military-relevant job skills, measuring individual and team behaviors during complex tasks, and teaching general cognitive skills.

Shoshi Loeb - Telcordia- shoshi@research.telcordia.com, (732)699-6429

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Jay Lowell - Total Immersion Software, Inc.- jlowell@totimm.com, (703)415-7577 x6818

Capability Statement:
At Total Immersion Software our mission is to put the power to practice complex virtual scenarios into the hands of the people who do the work. We have seasoned leadership and deep domain experience in videogame and serious games production.

Samuel Mahoney - Charles River Analytics- smahoney@cra.com, (617)491-3474 x540

Art Manfredi - CENTRA Technology, Inc.- manfredia@centratechnology.com, (703)276-7702

Capability Statement:
CENTRA is a private consulting firm with a large research and analysis division in Arlington, VA. CENTRA has a long and distinguished record of producing analytic reports for the US national security, law enforcement, and military communities.

Mike Matessa - Alion Science and Technology- mmatessa@alionscience.com, (831)704-6321

Capability Statement:
The Alion MA&D Operation is a consulting services and software products company providing expertise in the following areas: human-systems integration, human factors engineering, computer simulation and modeling, and custom software development.

Mary Matthews - TruSim, a division of Blitz Games Studios- mmatthews@blitzgamesstudios.com, +44 1926 880000

Capability Statement:
TruSim is a division of Blitz Games Studios, one of the world's leading independent videogame developers. Its industry-leading games engine creates engaging, validated games for training using AI routines, realistic, believable, responsive virtual people

Beverly Gay McCarter - Human Mosaic Systems, LLC- bgmccarter@hmsystems.net, (731)431-1596

Capability Statement:
Woman owned HMS offers a flexible self-organizing process based on psychological principles using practice and modeling that enables rational decisions, social networks/relationships, and emotional commitments. Immersive 3D simulations are scalable.

Bridget McCarthy - Orbis Operations, LLC- b.mccarthy@orbisops.com, (703)639-0911

Will McGill - Penn State University- wmcgill@ist.psu.edu, (814)308-3854

Capability Statement:
Serious games design, analysis, testing and evaluation, with a particular emphasis on games for risk management (assessment, communication, control, education) and intelligence analysis.

Jenn McNamara - BreakAway, Ltd.- jmcnamara@breakawayltd.com, (610)420-8812

Capability Statement:
Since 1998, BreakAway has leveraged entertainment game design approaches, software and technology to create "serious game" solutions for experimentation, training, visualization and decision-making analysis. Customers include: DoD, DARPA, DoJ and IC.

Brian Mennecke - Iowa State University- mennecke@iastate.edu, (515)294-3659

John Merwin - Adacel- JMerwin@adacel.com, (407)581-1524

Capability Statement:
Adacel has expertice and exerience integrating intellegent speech recognition and synthetic speech to Intelligent Agents, simulations, training, and serious games, providing the user with a natural Human Machine Interface (HMI).

Sheldon Z. Meth - System Planning Corporation- smeth@sysplan.com, (703)351-8281

Capability Statement:
System Planning Corporation (SPC) provides superior scientific analysis, systems engineering, and prototype designs for programs addressing critical national requirements.

Sarah Miller - CS Draper Laboratory- smiller@draper.com, (617)258-4635

Capability Statement:
We are currently developing tools and techniques for overcoming cognitive bias.

Kendra Moore - Boston Fusion Corp.- kendra.moore@bostonfusion.com, (617)458-9663

Capability Statement:
Pattern learning, deviation/error detection, probabilistic modeling, statistical machine learning, test and evaluation, and systems engineering.

Kathleen Morrish, Ph.D. - System Planning Corporation- kmorrish@verizon.net, (301)317-9433

Capability Statement:
System Planning Corporation provides superior, nationally-recognized scientific analysis, systems engineering/analysis/planning, & prototype design, using innovative, advanced technology, on programs addressing critical national security requirements

Emile Morse - National Institute of Standards and Technology- emile.morse@nist.gov, (301)975-8239

Yuichi Motai - Virginia Commonwealth University- ymotai@vcu.edu, (804)828-1281

Capability Statement:
VCU (Y. Motai and S. Vrana) and Polhemus (H. Himberg) team has strong research and development record in mixed reality with cognitive modeling and machine learning methodologies.

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Justus Myers - University of Pennsylvania- justusm@psych.upenn.edu, (215)746-4017

Capability Statement:
Expertise in human judgment, individual differences, psychometrics, debiasing techniques at the individual, small group, and institutional levels of analysis.

Scott Neal Reilly - Charles River Analytics- snealreilly@cra.com, (617)491-3474

Alok Nigam - Global InfoTek, Inc.- nigam@globalinfotek.com, 703-652-1600

Erik Oksala - RL Leaders- eoksala@rlleaders.com, (202)494-7736

Peggy Oriani - C2 Technologies, Inc.- poriani@c2ti.com, (703)752-2137

Capability Statement:
C² Technologies, Inc., a nationally recognized leader in performance improvement, provides strategic human capital management, mission-critical support services, and information technology solutions to civilian, defense and private industry clients.

Krishna Pande, PhD - Rockwell Collins, Advanced Technology Center- kppande@rockwellcollins.com, (703)516-8211

Bob Pap - Accurate Automation Corporation- rmp7001@accurate-automation.com, (423)605-4646

Capability Statement:
AAC is a SBIR co. doing unmanned vehicles, neural networks and virtual reality mission planning. We work with the NSF funded cognitive science CELEST center at BU, MIT & Brandeis. We have an Army SBIR with DCGS-A @ CERDEC. AAC has done simulators.

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Carolyn Parish - SRA International- carolyn_parish@sra.com, (703)284-6642

Capability Statement:
SRA is a leading provider of technology and strategic consulting services and solutions to government organizations. Our expertise includes intelligence, emerging learning technologies, applied psychological research, and defense issues.

Chris Pedzich - SBI Technologies- chris.pedzich@sbitech.com, (703)628-1609

Capability Statement:
Training and E-Learning and Computer Based Training
SBI designs, develops, and maintains Distributed Learning (DL) courses and Continuous Learning (CL) modules, provides instructors for classroom and field training, responds to rapid mission changes

Frank Peng - Northrop Grumman Corporation- frank.peng@ngc.com, (310)813-5767

Nicholas F. Polys Ph.D. - Virginia Tech- npolys@vt.edu, (540)231-0968

Capability Statement:
Information-Rich Virtual Environments, Immersive and multi-modal 3D visualization interfaces, human-computer interaction, visual perception and visual de-biasing, working memory, human-subjects experiments, informatics and enterprise sensor fusion

Chris Pratt - Orbis Operations, LLC- c.pratt@orbisops.com, (571)480-1288

Chethan Ramachandran - Turiya Media- chethanr@turiyamedia.com, (310)383-1714

Capability Statement:
CEO of a start up company specializing in the behavioral analysis of player traits in MMO's and other on line games

Krista Ratwani - Aptima, Inc.- kratwani@aptima.com, (202)552-6127

Capability Statement:
Aptima specializes in solving the problems of human performance in today's complex sociotechnical systems. Aptima's human-centered engineering approach couples the principles of social science with quantitative, computational methods.

Kelly Reene - Lockheed Martin- kelly.j.reene@lmco.com, (610)531-1643

Eric Reeves - SBI Technologies- eric.reeves@sbitech.com, (571)297-1112

Capability Statement:
SBI designs, develops, and maintains e-learning courses and modules, provides instructors for classroom and field training, responds to rapid mission changes, and supports cooperation and collaboration through on-line tools.

Jennifer Riley - SA Technologies, Inc.- jennifer@satechnologies.com, (601)898-0006

Capability Statement:
SA Technologies specializes in situation awareness and decision making. We have developed collaborative tools for military C2 and intelligence operations. We have tools for training cognitive skills in serious games and measuring SA and performance.

Paulette Robinson - NDU iCollege- robinsonp@ndu.edu, (202)423-5276

Dawn Ross - AFRL/PKDB- Dawn.ross@wpafb.af.mil, (937)255-5186

Capability Statement:
Contracting Officer (AFRL Agent) for this program

Alicia Ruvinsky - Lockheed Martin Advanced Technology Laboratories- alicia.i.ruvinsky@lmco.com, (770)514-3975

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Kathy Ryall - BAE Systems- kathy.ryall@baesystems.com, (781)262-4502

Ben Sawyer - Digitalmill, Inc.- bsawyer@dmill.com, (207)773-3700

Capability Statement:
Digitalmiill Inc., is a recognized thought leader in the serious games field. We are an accomplished design team featuring an incredibly diverse set of 20+ serious games projects including projects in the military and intelligence fields.

Grace Scarborough - Evidence Based Research, Inc.- scarborough@ebrinc.com, (703)287-0376

Capability Statement:
EBR supports effective decision making by developing better approaches to command and control, acquisition of actionable competitive intelligence, valid and reliable measurement, and modeling complex poltlcal, social, and economic phenomena.

Mike Schoelles - Rensselaer Polytechnic Institute- schoem@rpi.edu, (518)276-3318

Jeffrey Sestokas - Engineering & Computer Simulations- jeffs@ecsorl.com, (937)367-3197

Capability Statement:
ECS is a small woman-owned software development firm that specializes in developing enterprise learning solutions, serious games and virtual worlds, performance assessment, and professional services.

Joan Severson - Digital Artefacts- joan@digitalartefacts.com, (319)431-3278

Capability Statement:
Human Computer Interaction, Human Factors, Neuroergonomics, Neurosciences, Computer Graphics, Biometric Interfaces, Computer Vision, Instrumentation, Gaming, Simulation, Geo-spatial Visualization, Software and Engineering Research and Development

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Asa Shumskas-Tait - Psychic Bunny- asa@psychicbunny.com, (310)862-4262

Capability Statement:
Psychic Bunny specializes in top-to-bottom design and content creation for projects that include film, animation, new media, and interactivity. Our relevant credits include content and design for serious games and training sims for the U.S. military.

Ed Sims - Vcom3D, Inc.- eds@vcom3d.com, (407)737-7309

Capability Statement:
Vcom3D develops authoring tools, character models, behavioral models, and interactive scenarios for socio-cultural training. These are compatible with several virtual environments, running on Apple and Android mobile devices, as well as Windows PCs.

Gary Singer - Harris Corporation- gsinger@harris.com, (321)917-3284

Capability Statement:
Harris Corporation conducts research and technology assessments in Virtual Worlds, particularly in the area of VW communications. Harris also conduct research in information and knowledge management, cyber security, and develops 3D site models.

Anna Skinner - AnthroTronix, Inc.- askinner@atinc.com, (202)270-4592

Capability Statement:
AnthroTronix, Inc. (ATinc) is a small, woman-owned human factors and biomedical engineering firm with expertise in human computer interaction, virtual training environments, and operational neurophysiology.

Brent Smith - Engineering & Computer Simulations- brents@ecsorl.com, (407)823-9991

Capability Statement:
Mr. Smith performs extensive research in the areas of collaborative distributed learning architectures and the use of commercial gaming technologies as educational tools for the US Military.

Randy Standridge - Southwest Research Institute- rstandridge@swri.org, (210)522-5853

Capability Statement:
SwRI is an independent, nonprofit, applied R&D organization with significant capabilities and experience in the development of 3D immersive simulations, virtual/augmented reality, human subject studies, data analysis, and game-based learning.

Chris Stewart - Gallup, Inc.- chris_stewart@gallup.com, (949)474-7900

Capability Statement:
Gallup is a worldwide leader in understanding human attitudes and behaviors. Gallup has worked with the leading MMOG developers in evaluation and performance measurement.

Katie Stewart - Toffler Associates- kstewart@toffler.com, (202)441-6852

Jason Summers - Applied Research in Acoustics LLC- jason.e.summers@ariacoustics.com, (202)629-9716

Capability Statement:
Research and development for simulation-based training; perception- and cognitition-based signal processing for autonomous systems

George Tecuci - Learning Agents Center, George Mason University- tecuci@gmu.edu, (703)993-1722

Capability Statement:
We have developed a computational theory of intelligence analysis and advanced training tools for analysts which can be used as basis for games that expose and mitigate cognitive biases (http://lac.gmu.edu).

Paul Thompson - Dartmouth Medical School- paul.thompson@dartmouth.edu, (603)646-8747

Capability Statement:
machine learning, cognitive science

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Shalom (Dick) Tsur - Turiya Media- dickt@turiyamedia.com, (650)862-6962

Capability Statement:
Chief Scientist of Turiya Media--a start up specializing in the analysis of player behavioral traits in MMO's and other online games for business intelligence

Brian Ulicny, PhD - VIStology- bulicny@vistology.com, (508)788-5088

Capability Statement:
We are looking for partners in the SIRIUS program to embed our reasoning/representation within virtual learning environments for detecting cognitive biases.

Mike van Lent - Soar Technology- vanlent@soartech.com, (734)887-7601

Capability Statement:
SoarTech is an industry leader in using cognitive architectures and smart technologies to create intelligent training environments. These simulations and serious games assess the learner and tailor the experience to his/her needs in real time.

Michael Vanputte - University of Southern California Information Sciences Institute- vanputte@isi.edu, (703)812-3735

Capability Statement:
USC hosts the nations largest BS/MS/PhD gaming program and conducts fundamental/applied research in cyber operations, AI, informatics, networks, decision & computational systems. ISI conducts unclassified/ITAR/classified research.
Beth Veinott - Applied Research Associates- bveinott@ara.com, (937)873-8166

Capability Statement:
ARA is a S&T company that studies cognition in operational environments using a combination of experimental, computational, and qualitative approaches. Our Virtual Heroes Div creates simulations for learning, serious games, and virtual worlds.

Jesse Vigil - Psychic Bunny, Inc.- jesse@psychicbunny.com, (310)862-4262

Capability Statement:
Psychic Bunny specializes in top-to-bottom design and content creation for projects that include film, animation, new media, and interactivity. Our relevant credits include content and design for serious games and training sims for the U.S. military.

Sandra Wagner - NJVC- sandra.wagner@njvc.com, (703)748-5043

John Weaver - Janya, Inc.- jweaver@janya.com, (202)652-1630

Eric Weisel - Weisel Science & Technology Corporation- eweisel@wei-sci.com, (757)675-5560

Capability Statement:
Human, Social, Cultural and Behavioral (HSCB) modeling and simulation. Discrete mathematics, graph theory, discrete optimization, and modeling and simulation of human systems.

Kristan Wheaton - Mercyhurst College Institute for Intelligence Studies- kwheaton@mercyhurst.edu, (814)824-2303

Capability Statement:
Has a student pool of 350 graduate and undergraduate Intelligence students. Has introduced game based learning in Intelligence Analysis courses. Has developed a number of games designed to teach concepts relevant to Intelligence Analysis

Betty Whitaker - Georgia Tech Research Institute- betty.whitaker@gtri.gatech.edu, (404)407-6656

Capability Statement:
AI reasoning, case-based learning and reasoning, intelligent agents, human social cultural and behavioral models, agent-based models, system dynamics models and decision support.

Brooke Whiteford - RTI International- brookew@rti.org, (919)541-6461

Capability Statement:
Capabilities in multi-disciplinary research across virtual worlds, training, engineering and social science domains.

David Wierz - OCI- djwierz@gmail.com, (484)432-8075

Capability Statement:
OCI commercializes new technologies leveraging analytics and informatics to optimize operations and financial performance. Achievements include developing and deploying remote care and patient care systems. All work focuses on patient-centered care.

Scott Wilson - The University of Oklahoma- scott.wilson@ou.edu, (405)325-2608

Capability Statement:
The K20 Center has developed and implemented two serious games for K12 education. Our implementation of these two games has allowed us to formalized a game development process that utilizes industry practices, quality design, and lessons learned.

Michael Witbrock - Cycorp Inc- witbrock@cyc.com, (512)342-4000

John Woods - AFRL/RYWB- john.woods@wpafb.af.mil, (937)255-4947 x3403

Capability Statement:
Contracting Officer Technical Representative

Bob Woyach - Social Science Automation, Inc.- Bob@socialscience.net, (614)527-5200 x111

Capability Statement:
Social Science Automation (SSA) is a small research, development, and consulting firm with extensive experience designing and conducting regular training programs on analytic methods, critical thinking, and political psychology for DIA.

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Peggy Wu - SIFT - Smart Information Flow Technologies- pwu@sift.info, (612)669-6224

Nick Yee - Palo Alto Research Center- nicholas.yee@parc.com, (650)812-4818

Capability Statement:
Social scientists, computer scientists, virtual worlds / online gaming experts

Will Zangwill - Decision-Command- willard.zangwill@chicagobooth.edu, (312)951-6264

Capability Statement:
Decision Command has patented software that:
1. Identifies issues that might be biased or erroneous.
2. Extimates the probabiliy issues are missed.
3. Exposes contradictions in analysis
4. Has proven successful in business and intelligence

Tom Zayatz - IBM Research- tzayatz@us.ibm.com, (703)266-9078

Jun Zhang - University of Michigan Ann Arbor- junz@umich.edu, (734)763-6161

Capability Statement:
We are cognitive psychologists studying cognitive heuristics in problem solving, confirmation/anchoring/representative biases in reasoning and DM with risk and uncertainty. Experiments and math models on depth of theory-of-mind reasoning in games.